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Substitute for form 1449A/PTO

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

Complete if Known						
Application Number	10/031,085					
Filing-Date	January 16, 2002					
First Named Inventor	Kenichi SHIRAISHI et al.					
Group Art Unit	2121					
Examiner Name	Unassigned					
Attorney Docket Number	0670-271					

				U.S. PATENT DOCUMENT	rs		
Examiner Initials*	Cite No.1	U.S. Patent I	Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number	Kind Code <sup>3</sup> (if known)				
KK		5,696,797		Bucher et al.	12/09/1997		
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KK		wo	99/29075	5		06/10/1999		Abst.		
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Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symp.sium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.								
KK		Supp	Supplementary European Search Report dated January 19, 2004							
KK		P. Fines et al., "Fully Digital M-ary PSK and M-ary QAM Demodulators for Land Mobile Satellite Communications, Electronics & Communication Journal, Vol. 3, No. 6, pages 291-298, December 1991								

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l s	ignature	/Kevin Kim/ Com 812006)

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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KK		A. Horii et al., "Practical Design of Receiver for Satellite Digital Broadcasting", Digest of Technical Papers, International Conference on Consumer Electronics, 1998, Vol. 1998, pages 68-69.									
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